

Sanction No and Date:  TEXMiN/2021-22/24/40 March 02, 2022	TEXMiN Project No.  (PSF-IH-1Y-024)	Date:  March 21, 2023
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**“UG Fellow position” under “Technology Innovation in Exploration & Mining Foundation (TEXMiN) under Technology Innovation Hub (TIH)” Project**

Applications are invited under the sponsored project. The details of the project are as under:

Position	UG Fellow
Number of Position (s)	02
Title of The Project	Design and Development of Quadraped Robot for Mining Application
Principal Investigator	Prof. Arun Dayal Udai
Tenure of Project	02 years
Job Description and skill	1. Design and knowledge of different control strategies 2. Object-oriented structured programming skill in python 3. Worked on ROS / ROS2 4. Knowledge of FKIN and IKIN 5. Reinforcement Learning 6. Have worked on V-Rep / Gazebo 7. Must be good in CAD such as Solidworks 8. Knowledge of Embedded C, microcontroller programming
Essential Qualification	Ongoing B. Tech 2 <sup>nd</sup> and 3 <sup>rd</sup> -year student of IIT (ISM) Dhanbad
Desirable Qualification	Must be a member of Robotroncis Club. Developed or worked on a few control algorithms or successfully completed or demonstrated a project.
Age and Relaxation (if any)	22 years (upper age limit)
Fellowship	Rs. 10,000 per month (consolidated)
<b>Last Date &amp; Time</b>	<b>March 28, 2023</b>
Shortlisted candidates will be informed of the date of the interview. Mere possession of minimum qualification does not guarantee an invitation to the interview. Candidates will be shortlisted based on merit and per the project's requirements. All candidates should make their own arrangements for their stay at Dhanbad if required. No TA/DA will be paid to attend the interview. Interested candidates may kindly send their CVs on <a href="mailto:arunudai@iitism.ac.in">arunudai@iitism.ac.in</a>	